

ABSTRACT

The present invention provides an improved process for the preparation of cyclic carbonates which comprises reacting an olefins or its epoxide with carbon dioxide or a mixture of oxygen-containing compound and carbon dioxide, in the presence of zeolite-based catalyst and a Lewis base co-catalyst, at a minimum pressure of 30 psig and temperature between 40 to 120°C for 0.5 to 4 hrs., separating the catalyst and recovering the corresponding cyclic carbonate formed by conventional methods.